SBR No. 97/22-23
DATED 21.02.2023

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR.No...../2022

Date.....

No .5th RA bill

Division: **Electricals (yelahanka)** Sub-Division: **Electricals** Dt.....

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-009-22-000004**

Schedule Docket No. Head of Account : **P 0300** M&R to Street lights - Replacement of Burnt bulbs etc

D.R.No. : **Period: 01-12-2022 to 31-12-2022 (for 1 months)**

Name of Work :- *Annual Maintenance and repairs of street lights in ward no 09 Package Y-09 of Yelahanka Zone"*

Name of Contractor and Full Address:**M/S. SBES Electricals**

Reference to Agreement No:- EE/Ele/YZ/AG/000009 /22-23 Date:01/04/2022

Reference to Agreement No:- EE/Ele/YZ/WO/000009 /22-23 Date:01/04/2022

Certified that the measurements were taken by me on 3/1/2023 and recorded of Pages 260349 to 035/ of measurement Book No. 2604/22-23 and that the work is satisfactorily executed.

Officer-in-charge of work

For S.B.E.S. ELECTRICALS

Contractor

Certified that the measurement were taken by me on 3/1/23 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)

Sub-Division Officer

BBMP, Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	UPDT 3036382=40
2)	Deduct amount to be held in reserve being .....percent Rs.....	P.Bill 2711489=60
3)	" Balance	Sm&A Bill 324893=00
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount	ITL. 3249=00
	adjusted towards cash advance recovery of	LWL 3249=00
	b) Payments Now made: cost store or other material supplied.	CBFO.L. 325=00
	recovery of amount creditable to this/other work	CUSTL. 3249=00
	Amount paid on this bill Cheque / Cash.	SUSTL. 3249=00
5)	Balance being unpaid value of work done held in reserve.	Fine 3000=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Scrap2% 6498=00
7)	Net amount due to or from Contractor unadjustments items.	Deductions 22819=00
8)	Advance to Contractor for materials brought to site (as detailed) within	
9)	Value of Government materials supplied.	Total amount adjusted 302074=00

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

For S.B.E.S. ELECTRICALS

S. Batts

(For use in the Office)

Witness

1.

2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

ಶೀರ್ಷಿಕೆ P0300 M and R to Street lights

ರೂ. 324893=00 ಮೊತ್ತ ಮೊದಲ ಸ್ವೀಕರಿಸಿದೆ

ರೂ. 302074=00 ಕೆಲಸ ಪೂರ್ಣಗೊಳಿಸಿದಾಗಿದೆ

ರೂ. 22819=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

Executive Engineer

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು ಕಾ.ಪಾ.ಅ.(ವಿ) ಯಲಹಂಕ ವಲಯ

Sl. No.	Description of item	Unit
	Name of Work :-Annual Maintenance and repairs of street lights in ward no 09 Package Y -09 of Yelahanka Zone.	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36/40 W fluorescent tube light street lighting systems.	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 W HPMV light Park lighting systems.	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250W HPSV street light lighting systems.	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents 400 watts HPSV street light/High Mast lighting systems.	Each
5	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 24 watt LED park lighting systems.	Each
6	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 65 watt LED street light lighting systems.	Each
7	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 90 watt LED street light lighting systems.	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		1	Months		Upto Date paid so for 9 Months		
154x8 Months	35925.12	154	29.16	4490.64	154x9 Months	40415.76	
320x8 Months	128000.00	320	50.00	16000.00	320x9 Months	144000.00	
3754x8 Months	2127166.56	3754	70.83	265895.82	3754x9 Months	2393062.38	
50x8 Months	26664.00	50	66.66	3333.00	50x9 Months	29997.00	
20x8 Months	8665.60	20	54.16	1083.20	20x9 Months	9748.80	
229x8 Months	167921.12	229	91.66	20990.14	229x9 Months	188911.26	
131x8 Months	104800.00	131	100.00	13100.00	131x9 Months	117900.00	

8	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 110/120 watt LED streetlight lighting system	Each
9	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 150 watt LED street light /High mast lighting system	Each
10	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole.Upto 5Mtr street light pole.	Nos
11	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole.8Mtr and above street light pole.	Nos
12	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) 100Amps 25kA.	Each
13	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.260mmx210mmx116mm	Each
14	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtr
15	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm	Mtr
16	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board	Each
17	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each
18	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 Amps SP	Each
	TOTAL	0.00
	Add GST 12 % on item no 10 to 18	
	TOTAL Rs	
	Fine imposed for non burning of street lights For the period of 1/12/2022 to 31/12/2022	
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material	
	GRAND TOTAL	

Certificate

The above said monthly maintenance work has been carried out satisfactorily

T.C.N. Balaji

Assistant Executive Engineer (Ele)

BBMP, Bangalore

0	0.00	0	116.66	0.00	0	0.00	
0	0.00	0	133.33	0.00	0	0.00	
0	0.00	0	150.00	0.00	0	0.00	
0	0.00	0	250.00	0.00	0	0.00	
25	62500.00	0	2500.00	0.00	25	62500.00	
25	7500.00	0	300.00	0.00	25	7500.00	
248	14880.00	0	60.00	0.00	248	14880.00	
248.00	2480.00	0	10.00	0.00	248	2480.00	
7.00	2450.00	0	350.00	0.00	7	2450.00	
7	10500.00	0	1500.00	0.00	7	10500.00	
0	**0.00**	0	400	0.00	0	0.00	
	2699452.40			**324892.80**		**3024345.20**	
	12037.20			0.00		12037.20	
	2711489.60			**324892.80**		**3036382.40**	
	33900.00			3000.00		36900.00	
	53989.05			6497.86		60486.90	
	2623600.55			**315394.94**		**2938995.50**	